

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification by amending paragraphs [074] and [079] as follows:

[074] In another embodiment consistent with the invention, the data produced by beat analyzer **66** is used by an automatic slideshow synchronizer **120**, illustrated in Fig. 11, that automatically generates signals to display still images synchronized to music. In Fig. 11, automatic slideshow synchronizer **120** receives a set of still images **122**, a user-entered minimum display period per image ("MDP") **124**, and a music signal ~~[[67]]~~ **126** as inputs to an image advance time generator **128**. MDP **124** is the minimum amount of time that the user wishes any single image to be displayed. However, in applications where the slide show will be saved to a DVD, the MDP preferably is no less than 1.0 second. Image advance time generator **128** produces an array of beat elements **130**, each of which specifies the time at which the next still image in set **122** should be displayed to synchronize the image change with the onset of a predominant beat in music signal **67**. An audiovisual synchronizer **132** generates an audiovisual signal **134** from inputs **122**, ~~[[67]]~~**126**, and **130**, which comprises an electronically-timed slide-show such that the still images of signal **122** advance in synchronization to predominant beats of music signal **126** ~~[[67]]~~.

[079] Stages **166** through **182** of Fig. 13 correspond to stage **154** of Fig. 12. The user has specified that each image should be displayed for at least the MDP received in stage **160**. The number of images **N** in the set is determined in stage **166** and the total duration of music signal ~~[[set]]~~ **126** ~~of music data~~ is calculated in stage **168**. An average display period ("ADP") per image may be calculated in stage **170**. Stage **172** checks to

see if the MDP received is greater than the ADP. If so, the user is prompted to adjust one or more of the inputs to stage **152**. For example, the user may decrease minimum display period **124** so that it is equal to or less than the ADP as indicated in stage **174**; select fewer images, as indicated in stage **176**; or supply a longer music data set, as indicated in stage **178**. A longer music data set may comprise a totally new, longer set of music data or may constitute permission to repeat the original music data set as many times as necessary to have an ADP at least equal to the MDP and show all still images. Options for each may be given to the user of the program, or an error message reporting the problem may be display on a user-interface. Stages **160** through **182** are repeated until the answer to stage **172** is "NO." At this point, the inputs of stage **152** are determined to constitute a workable set of music data and images.